Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 10 Jan 2021 until 23:59 on Monday 11 Jan 2021

Forecast Issued on Sunday 10 Jan 2021 at 03:54

Confidence: High confidence in general weather patterns until Tuesday then there is a lot of uncertainty in the forecast. Also uncertainty in precipitation type over the next couple of days.

Headline for Sunday 10 Jan 2021: A dull day with a lot of low cloud, outbreaks of light rain, drizzle and snow at times.

Mountain weather hazards on Sunday 10 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Cloudy	Cloudy
Precipitation probability					
80%	70%	70%	40%	20%	20%

Forecast for Sunday 10 Jan 2021

Weather: Quite a dull start today with lots of low cloud and some outbreaks of drizzle or light rain, staying wintry at high level. Very little in the way of brightness and feeling very damp and cold. Cloud lifting a little later this afternoon in the north.

Chance of cloud free mountain/hill tops above 800m: 10% widespread fog, mist and cloud and outbreaks of drizzle and sleet, perhaps more brightness around the fells in the north this afternoon.

Visibility: Overcast low cloud with bases around 2-300m during this morning will make navigation on the fells quite tricky. Cloud bases lifting in the north to 5-600m but generally quite a claggy day. Visibility will become very poor in outbreaks of sleet and snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 10 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	24/27 W	17/20 SW	22/27 W	25/31 W	26/32 W	28/35 W	29/37 W
600	18/24 W	16/21 W	18/23 W	21/27 W	22/29 W	24/33 W	25/34 W
300	6/19 W	5/16 W	7/18 W	8/21 W	9/23 W	11/26 W	11/28 W
Valley	4/16 W	4/15 W	8/19 W	9/23 W	10/24 W	12/26 W	12/28 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-6	1/-5	0/-6	0/-6	0/-7	-0/-8	-0/-8
600	2/-3	2/-3	2/-3	2/-4	2/-4	2/-5	2/-5
300	4/1	4/2	4/1	4/1	4/1	4/0	4/0
Valley	5/3	5/4	6/3	6/3	6/3	6/3	6/2
Freezing Level*	1200m	1100m	1100m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dull and overcast winters day and it will feel very cold in the moderate westerly winds. Freezing level lifts to 1000m initiating a slight thaw of lower snow on the fells and a general softening of the snow.

Forecast for Monday 11 Jan 2021

Weather: Extensive cloud and frontal rain and sleet will push across the area from the northwest. Freezing level rises to above the summits so it will mainly be outbreaks of rain rather than snow, becoming drier later. Southwesterly gales will ease later in the day.

Maximum wind: Southwesterly winds 30-35mph gusts 40-45

Chance of cloud free mountain/hill tops above 800m: 20% lots of low cloud and frontal rain and sleet will make views very unlikely.

Visibility: Extensive low cloud with cloud base quite low perhaps around 3-500m, visibility also very poor in rain and sleet, careful navigation will be required.

Temperature: **Valleys:** Plus 6 Celsius.
At 800m: Plus 1 Celsius.
Freezing level: 1000 rising to 1400m.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 9 January
Location: Blencathra summit at 13:50
Full report:
As for the last week the biggest hazard is ice on paths especially on popular routes where snow has been compacted and where small streams or drainage lines cross. This ice can also be found hidden beneath the fresh powder snow and spindrift giving a false sense of security. On steeper routes where fresh snow/spindrift lies above older, compacted snow, the two layers have not bonded creating unstable conditions.

Away from the paths the snow pack is still very soft and will significantly slow any progress on foot. In places it has drifted up to 1m deep. Sharp Edge on Blencathra had a good covering of soft unconsolidated snow giving quick but insecure climbing.

The SW winds were rapidly redistributing the snow on to N through E slopes and there were some large pockets of soft unstable windslab developing. These are easily large enough to take a walker off their feet when triggered at which point an ice axe will be essential to stop your slide. The assessor triggered a 20m shooting crack and small slide on a 30 degree easterly slope at 600m.

Cornices have formed above steep slopes on many different aspects. Although they are very small, they consist of soft snow and will become extremely unstable with the forecasted increase in summit temperatures. Please give them a wide berth and advise others with less experience likewise.

Issued at: 03:54 on Sun 10 Jan 2021

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